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☐ Draft/Worksheet



Submission/Final Date Rcvd: ___/___/___

DEPARTMENT OF ECOLOGY - CENTRAL REGIONAL OFFICE



CONSOLIDATED APPLICATION FORM IRRIGATION EFFICIENCIES GRANTS PROGRAM/TRUST WATER RIGHTS PROGRAM



Project Name: Magill Irrigation Efficiency Project

(Check all that apply.)

☒ Temporary

IF TEMPORARY, START DATE June/ 01/2011

Contract No. _____

END DATE June/ 01/2031

☐ Permanent

☒ Portion of the identified existing water right

****IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS****

1. Recipient Information:

☒ Yes ☐ No Does the Cost Share Recipient own all water rights pertinent to this project proposal?

APPLICANT/BUSINESS NAME Gerald & Dorothy Magill	PHONE NO. (509) 382-2783	FAX NO. ()
ADDRESS 108 S. Touchet Road		
CITY Dayton	STATE WA.	ZIP CODE 99328

2. How is Water to be Made Available for Trust from Touchet River

<input type="checkbox"/> Alteration in method of diversion	<input type="checkbox"/> Alteration in water use/ irrigated acreage
<input checked="" type="checkbox"/> Alteration in method of delivery/conveyance	<input type="checkbox"/> Alteration in method of water application
<input type="checkbox"/> Other, Explain:	

Project Summary (Please be specific about every detail):

Gerald and Dorothy Magill's irrigated agriculture production properties located along the Touchet River and South Fork Touchet River were assessed under the Irrigation Efficiency Program to identify program eligibility and potential water savings for placement into the "Water Trust Program". This assessment was completed by Jack Myrick, WSCC Irrigation Efficiencies Technical Coordinator and support from Columbia Conservation District staff.

Onsite field assessments and consultation with Mr. Magill identified efficiency savings potential on two (2) field sites. Due to program and landowner limitations this proposal targets a 26 acre field with diversion/conveyance system consisting of a tractor power take off system (PTO) providing water to a portable mainline and hand line/Big Gun irrigation system contributing to very poor efficiencies.

The Snake River Salmon Recovery Plan for SE Washington (Plan) identifies Key Limiting Habitat Factors for recovery potential. The Plan identifies both systems as flow limited as well as numerous other habitat factors. The Magill's have been involved in various other conservation and recovery efforts thru the Columbia Conservation District (CCD) and USDA programs. Instream habitat enhancement projects (CCD) and riparian buffer enhancement (USDA) CREP. Currently they have one (1) CREP contract, 36.3 acres enrolled and 180' average buffer located along both the Touchet and South Fork Touchet.

The 26 acre field is currently irrigated with hand lines and Big Gun sprinklers. These would be converted to two (2) Mini pivot systems, 1- 620' and 1- 370', new mainline and conversion to 10 HP electric pump and associated power needs. New system also includes electronic flow meter installation.

3. Project Cost Share Information

LEASE LENGTH PROPOSAL (IN YEARS)	<u>20</u> YEARS
PROPOSED WATER SAVINGS AMOUNT (CFS)	<u>.278</u> CFS
PERCENTAGE OF TOTAL WATER SAVINGS TO TRUST	<u>100</u> PERCENT
ESTIMATED COST OF PROJECT PROPOSAL	\$ <u>100,000</u>
COST SHARE AMOUNT REQUESTED	\$ <u>78,000</u>
NUMBERS OF ACRES SERVED BY THIS PROPOSAL	<u>26</u> ACRES
COST PER ACRE	\$ <u>3,000</u>
COST PER CFS	\$ <u>280,576</u>
MATCH DOLLAR SOURCE? <u>Landowner, labor, equipment and cash payment</u> AMOUNT:	\$ <u>22,000</u>
COST PER ACRE-FOOT	\$ <u>1,915</u>

WATER RIGHT DESCRIPTION

4. Water Right Holder Information

If Water Right Holder is the Cost Share Recipient, please skip to number 4.

NAME (IF DIFFERENT FROM ABOVE)	PHONE NO. () ()	FAX NO. () ()
IS THE WATER RIGHT HOLDER AN IRRIGATION DISTRICT?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
IS THE PLACE OF USE WITHIN AN IRRIGATION DISTRICT?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
ADDRESS		
CITY	STATE	ZIP CODE

5. Water Right Information:

Please attach copies of any documentation that demonstrates consistent, historical use of water since the right was established.

WATER RIGHT OR CLAIM NUMBER G3-23251C	RECORDED NAME(S) Gerald S. Magill
DO YOU OWN THE RIGHT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF NO, PROVIDE OWNER(S) NAME and ADDRESS:	
HAS THE WATER BEEN PUT TO BENEFICIAL USE IN THE LAST FIVE (5) YEARS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO ARE WATER DIVERSIONS / WITHDRAWALS OF THIS WATER RIGHT METERED OR MEASURED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO ARE PUMP-POWER RECORDS AVAILABLE FOR THE LAST FIVE YEARS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO ARE AERIAL PHOTOS OF THE PROJECT SITE AVAILABLE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO ARE FSA CROP RECORDS AVAILABLE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO ARE THERE ANY OTHER RIGHTS, CLAIMS, OR RELEVANT CHANGES ASSOCIATED WITH THE PROJECT AREA? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
IMPORTANT! PROVIDE INFORMATION OF THE EXTENT OF WATER USE FOR EACH OF THE LAST FIVE YEARS: WATER USE DOCUMENTED BY JACK MYRICK, WSCC AND THRU STATEMENTS FROM LANOWNER/WATER USER.	

6. Project Water Information

NUMBER OF ESA OR SASSI LISTED SPECIES IN AFFECTED TRIBUTARY? Mid Columbia Steelhead, Bull Trout
MONTHS CRITICAL TO LISTED SPECIES? (PLEASE HIGHLIGHT OR CIRCLE) January February March <u>April</u> May June July August <u>September</u> <u>October</u> November December
MONTHS WHEN PROJECT WATER SAVINGS WILL INCREASE INSTREAM FLOW IN PROJECT TRIBUTARY? (Circle any) January February March <u>April</u> May June July August <u>September</u> October November December
HISTORIC / BENEFICIAL USE QUANTITY OF THE WATER RIGHT? (Highest of the last 5 irrigation seasons; in instantaneous rate and annual quantity) CFS <u>.668</u> AF <u>120.90</u>
TOTAL QUANTITY OF PROJECT WATER SAVINGS? CFS <u>.278</u> AF <u>40.74</u>
WILL THE INSTANTANEOUS RATE SAVINGS VARY FROM MONTH TO MONTH THROUGH THE IRRIGATION SEASON? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (Please list quantities by month) January February March April May June July August September October November December

QUANTITY OF PROJECT WATER SAVINGS TO TRUST?
CFS .278 AF 40.74

WILL THE INSTANTANEOUS RATE SAVINGS APPLIED TO THE TRUST VARY FROM MONTH TO MONTH THROUGH THE IRRIGATION SEASON?
☐ YES ☒ NO
(Please list quantities by month)

January February March April May June July August September October November December

Please explain:

IS THE WATER RIGHT PART OF AN ADJUDICATED BASIN? ☒ YES ☐ NO
EXPLAIN HOW THE SENIORITY OF THE RIGHT(S) RELATES TO OTHER RIGHTS *WITHIN* THE PRIMARY REACH:

Diversion point is from an infiltration trench and has never been regulated. POD located approximately 2080 feet north and 1520 feet east from the southwest corner of Sec. 32. NW1/4NESW1/4 Sec. 32, T10N, R39E

EXPLAIN HOW THE SENIORITY OF THE RIGHT(S) RELATES TO OTHER RIGHTS *ABOVE AND BELOW* THE PRIMARY REACH:

7. Point(s) of Diversion/Withdrawal:

A. Existing POD

SOURCE	NO.	¼	¼	SEC.	TWP.	RGE.	PARCEL #	WELL TAG #
<u>Touchet River</u>		<u>NE</u>	<u>SW</u>	<u>32</u>	<u>10N</u>	<u>39E</u>		

Please include copies of all water well reports involved with this proposal. Also, if you know the distances from the nearest section corner to the above point(s) of diversion/withdrawal, please include that information in Item No. 6 (remarks) or as an attachment.

B. Proposed POD

SOURCE	NO.	¼	¼	SEC.	TWP.	RGE.	PARCEL #	WELL TAG #
<u>Touchet River</u>		<u>NE</u>	<u>SW</u>	<u>32</u>	<u>10N</u>	<u>39E</u>		

8. Purpose of Use:

A. Existing Use of the Water Right

PURPOSE OF USE	GPM or CFS	ACRE-FT/YR	PERIOD OF USE
<u>Irrigation of 26 acres</u>	<u>.668 cfs</u>	<u>120.90</u>	<u>April 1-Sept.30</u>

11. Signatures:

I certify that the information above is true and accurate to the best of my knowledge. I understand that in order to process my application, I am hereby granting staff from the Department of Ecology access to the above site(s) for inspection and monitoring purposes. If assisted in the preparation of the above application, I understand that all responsibility for the accuracy of the information rests with me. I also understand that I may rescind this application at any time prior to signing the Irrigation Efficiencies Grants Program's Cost Share Agreement with no other obligations or requirements.

Merrill S. Magill
(Applicant/Cost Share Recipient)

11 / 9 / 10
(Date)

Dorothy Magill
(Applicant/Cost Share Recipient)

11 / 9 / 10
(Date)

Merrill S. Magill
(Water Right Holder)

11 / 9 / 10
(Date)

Dorothy Magill
(Water Right Holder)

11 / 9 / 10
(Date)

Merrill S. Magill
(Land Owner(s) of Existing Place of Use)

11 / 9 / 10
(Date)

Dorothy Magill
(Land Owner(s) of Existing Place of Use)

11 / 9 / 10
(Date)

For further information contact:

Your local conservation district
or
Jon K. Culp, Program Manager
Washington State Conservation Commission
Irrigation Efficiencies Grants Program
(509) 826-7212,
jculp@scc.wa.gov